

IOWA STATE UNIVERSITY

Digital Repository

Integrated Crop Management News

Agriculture and Natural Resources

3-18-2002

New products and changes for corn soil insecticides

Marlin E. Rice

Iowa State University, merice@iastate.edu

Follow this and additional works at: <http://lib.dr.iastate.edu/cropnews>



Part of the [Agricultural Science Commons](#), [Agriculture Commons](#), and the [Entomology Commons](#)

Recommended Citation

Rice, Marlin E., "New products and changes for corn soil insecticides" (2002). *Integrated Crop Management News*. Paper 1789.
<http://lib.dr.iastate.edu/cropnews/1789>

This Article is brought to you for free and open access by the Agriculture and Natural Resources at Digital Repository @ Iowa State University. It has been accepted for inclusion in Integrated Crop Management News by an authorized administrator of Digital Repository @ Iowa State University. For more information, please contact digirep@iastate.edu.

INTEGRATED CROP MANAGEMENT

New products and changes for corn soil insecticides

Aztec 2.1G (marketed by Bayer Corporation). Bayer Corporation has reduced the rate of Aztec in first year corn following soybean for control of wireworms and seedcorn maggot. These rates have been reduced by 33 percent of the full label rate. With the reduced rate, Aztec must be used as an in-furrow application. Reduced rates are 30-inch rows (4.9 lb/acre), 36-inch rows (4.1 lb/acre), and 38-inch rows (3.9 lb/acre). T-band and band applications require the full Aztec use rate. Corn following corn, Conservation Reserve Program, sod, and pasture also require the full labeled Aztec rates. Aztec 2.1G is a restricted use pesticide.

Aztec 4.67G (marketed by Amvac). Aztec 4.67G is a concentrated formulation of Aztec 2.1G. It is labeled for field corn, sweet corn, popcorn, and silage corn for control of corn rootworm larvae, cutworms, wireworms, seedcorn maggots, seedcorn beetles, and white grubs. The rate of application for control of all of these pests is 3.0 ounces per 1,000 feet of row or for 30-inch rows (3.27 lb/acre), 36-inch rows (2.72 lb/acre), and 38-inch rows (2.58 lb/acre). Aztec 4.67G can be used in a band, T-band, or in-furrow application. The insecticide should be used in a band or T-band application for control of seed-attacking insects. Aztec 4.67G is a restricted use pesticide and must be applied with the SmartBox system.

Counter CR (marketed by BASF). BASF has reduced the rate of Counter CR to 4.5 oz/1,000 row feet for first-year corn only. The label states, however, that the high rate of 6 oz/1,000 row feet must be used on first-year corn where heavy rootworm populations are anticipated or for control of other pests. This insecticide may be used in a band (including T-band) or in-furrow application. Counter CR is a restricted use pesticide and must be applied in the Lock'n Load closed handling system.

Fortress 2.5G (marketed by Amvac). This is a less concentrated formulation of the familiar corn soil insecticide Fortress 5G. Two primary differences between these two formulations are

1. Fortress 2.5G is sold in bags and can be used in conventional planters with insecticide boxes, whereas Fortress 5G must be applied with the SmartBox system; and
2. the actual pounds of material applied per acre is twice as much for the 2.5G formulation compared with the 5G formulation.

Fortress 2.5G is labeled for corn rootworms, wireworms, cutworms, seedcorn maggots, and white grubs. Fortress 2.5G is a restricted use pesticide.

For all insecticides, consult the product label for exact directions for use.

This article originally appeared on page 30 of the IC-488 (3) -- March 18, 2002 issue.

Source URL:

<http://www.ipm.iastate.edu/ipm/icm//ipm/icm/2002/3-18-2002/cornsoilinsecticides.html>

IOWA STATE UNIVERSITY
University Extension